

PROPOSAL RESPONSE DOCUMENT
Request for Proposal No. 1332
Trunked Radio System
April 12, 2013

Electronic Responses: Vendors may add additional documents, through the upload method on our website. These additional documents may include PDF product literature, company information, etc. The vendor response areas below are expandable as your response is typed in.

NOTE: Proposers must provide answers to the following questions in the areas provided in this document. Proposers may provide additional documents; however, responses to the request and questions included in this document must be complete and must provide full answers and detailed information. Responses or answers in this document may not be limited to references to other, additional documents. Failure to comply with this requirement may result in disqualification of a proposal.

Proposers should not include any pricing information in the answers provided in this document. Pricing (for the system as a whole and for individual subsystems and equipment and services) is to be included only in the Pricing Document. Failure to comply with this requirement may result in disqualification of a proposal.

Eligibility

1. Confirm that your firm meets the eligibility requirement of being a Radio Equipment Manufacturer as defined in Section II, "Eligibility" the RFP. Describe the Radio Infrastructure that is included in your proposal that is manufactured by your firm.

VENDOR RESPONSE:

2. Please confirm that your firm met the eligibility requirement of attending the Pre-Proposal Meeting and Site Walks. Provide the name of the representative(s) from your firm that attended the Pre-Proposal Meeting and Site Walks.

VENDOR RESPONSE:

Section A. Contact Information, Proposer Information

1. Please indicate who will be the Proposer's authorized representative; give name, title, address, e-mail address, phone and fax. The person identified shall be empowered to make binding commitments for the Proposer.

VENDOR RESPONSE:

2. Using the format below, please provide a description of the organization submitting the proposal, including description of its size, experience, legal status (corporation or partnership, etc.), major type of activity and specialized areas of consulting. Complete the information below in its entirety. If you have multiple offices, provide specific information on the office that will be servicing Waukesha County's account. Complete the "Subcontractor Information" section for each and all subcontractors included in your proposal (copy and complete that section for each subcontractor).

VENDOR RESPONSE:

- Company name:
- How long have you had the same business name:
- List previous business name(s), if applicable:

- ☐ Individual/Sole Proprietorship ☐ Joint venture
☐ Partnership ☐ Other (include explanation)
☐ Corporation

Identify any and all firms you intend to use in the project:

- City: _____ State: _____ Zip: _____
Telephone: () _____ Fax: () _____

VENDOR RESPONSE:

4. Is/has your firm been barred from doing business with either the State of Wisconsin or the Federal Government, or is any such action pending? If yes, please indicate the reason(s) for the debarment and the date(s) your firm was debarred.

VENDOR RESPONSE:

5. In an effort to reduce risk, the Counties desires a money back guarantee, Letter of Credit or a Performance Bond at the County's discretion. Describe your policy regarding each of these for failed implementations; which one you are proposing for this project; and your willingness to negotiate the use of any of these.

VENDOR RESPONSE:

6. Given the Counties will determine which of the aforementioned will be required, provide reasons as to which method you would prefer the County considers and why.

VENDOR RESPONSE:

Section B. Overview of Firm, Reference Projects

1. Using no more than two pages, please provide a brief description of your firm's history and business focus.

VENDOR RESPONSE:

2. Is/has your firm been barred from doing business with either the State of Wisconsin or the Federal Government, or is any such action pending? If yes, please indicate the reason(s) for the debarment and the date(s) your firm was debarred.

VENDOR RESPONSE:

3. Using the format below, please provide a minimum of three references for Project 25-compliant trunked simulcast radio systems that have been deployed by your firm and accepted by your customer within the last five years. Please provide the name of each referenced agency along with the contact information for an individual from the reference agency that was the agency's primary point of contact for your firm's work on that project. Describe the ways in which the reference project is similar to this project, namely,
 - a. Is the system in the 700/800MHz band or did as it in another band (please specify which band if not 700/800MHz)?
 - b. Is the system designed for (and is it in use by) multiple counties?
 - c. What is the total user count of the system as you best know it?
 - d. Does the system utilize ISSI or other mechanisms for interoperability to other, external trunked radio systems?

VENDOR RESPONSE:

Reference Project #1

- a. Agency Name:
- b. Contact Name:
- c. Contact Title:
- d. Address:
- e. Telephone Number:

- f. E-Mail Address:
- g. Provide a description of the project and address the ways in which the reference project is similar to this project:
 - 1. Frequency band
 - 2. Scope of use
 - 3. User count
 - 4. External interoperability
- h. Duration/dates of deployment (date of contract and date of acceptance):
- i. Other benefits obtained by users of the system as a result of the project:

Reference Project #2

- a. Agency Name:
- b. Contact Name:
- c. Contact Title:
- d. Address:
- e. Telephone Number:
- f. E-Mail Address:
- g. Provide a description of the project and address the ways in which the reference project is similar to this project:
 - 1. Frequency band
 - 2. Scope of use
 - 3. User count
 - 4. External interoperability
- h. Duration/dates of deployment (date of contract and date of acceptance):
- i. Other benefits obtained by users of the system as a result of the project:

Reference Project #3

- a. Agency Name:
- b. Contact Name:
- c. Contact Title:
- d. Address:
- e. Telephone Number:
- f. E-Mail Address:
- g. Provide a description of the project and address the ways in which the reference project is similar to this project:
 - 1. Frequency band
 - 2. Scope of use
 - 3. User count
 - 4. External interoperability
- h. Duration/dates of deployment (date of contract and date of acceptance):
- i. Other benefits obtained by users of the system as a result of the project:

Section C. Project Staffing

1. Using the format below, please provide information on employed personnel who will be hold the following key roles for this project:

- a. Account Manager
- b. Project Manager
- c. Radio Systems Engineer
- d. Lead Radio Tech (Site Manager)
- e. Service Manager

For each individual that holds these key roles, provide their

- f. Name and title
 - g. Total years' experience with current firm and other.
 - h. Education (degree, major, institution, year)
 - i. Summary of pertinent experience and qualifications with respects to the system and services requested
 - j. Of the similar projects you identified in the previous Section B of this Response Document, indicate whether or not this individual was involved in the project, and what their role was on the project.
 - k. Provide any other information that would assist the County in determining the qualifications of the individuals and their ability to complete the services required.
- Resumes for key staff may also be attached and clearly labeled as "C.1 – Resumes of Key Staff."

VENDOR RESPONSE:

2. Please describe how your proposed project team is organized including its overall reporting structure.

VENDOR RESPONSE:

3. Provide the contact name and contact information for the proposer's single point of contact for this project if that person is different than the authorized representative included in your response to Section 1, above. Also provide the name and contact information for a point of escalation in the event an issue unable to be addressed by the proposer's single point of contact for this project.

VENDOR RESPONSE:

4. Does your firm agree to the following conditions regarding project staffing?
 - a. Proposed key personnel are confirmed to be available to work on this project for the duration (i.e., they are not otherwise committed to other projects that would hinder their ability to complete this one)
 - b. Proposed key personnel will not be replaced by other individuals of proposer's company, before or after commencement of this project, without prior written approval of the Waukesha and Milwaukee County
 - c. Once key personnel have begun working on this project, they will be replaced by other individuals of proposer's company (after the Counties' approval of other individuals) should their performance be unacceptable to the County

VENDOR RESPONSE:

5. Do you currently do background checks on your employees? Do you anticipate any issues with the requirements for background checks?

VENDOR RESPONSE:

Section D. Project Goals and Architecture Overview

1. Please state how your firm and your proposed design will assist the Counties in meeting their goals for this project.

VENDOR RESPONSE:

2. Please describe the architecture of your design. List the major subsystems and describe the interfaces between them. Attach drawings/schematics clearly labeled as "D2 – Overall Architecture" to assist the reader in understanding the proposed design.

VENDOR RESPONSE:

Section E. Shared Core

1. Please describe the functions of the trunked radio system that are performed by your proposed Shared Core. Describe the components that comprise your proposed Shared Core and, for each major component, provide technical specifications for its hardware and software clearly labeled as "E1 – Shared Core Technical Specifications". Provide a diagram of the Shared Core that shows each component, its location, and its interconnections clearly labeled as "E1 – Diagram of Shared Core Components".

VENDOR RESPONSE:

2. Confirm your understanding that the Shared Core will be located at the WCRS Site.

VENDOR RESPONSE:

3. Please confirm the Shared Core's compliance to features per specifications of APCO Project 25, Phase I standards as defined by the TIA-102 suite of documents as described in Section VI.A.3 of the RFP

VENDOR RESPONSE:

4. Please describe the ability of your proposed Share Core to provide the P25 Trunking Features included in Section VI.A.4 of the RFP

VENDOR RESPONSE:

5. Please describe the ability of your proposed Share Core to provide the Non-P25 Trunking Features included in Section VI.A.5 of the RFP.

VENDOR RESPONSE:

6. Please confirm that your proposed Shared Core meets the P25 Trunking Priority requirements included in Section VI.A.6 of the RFP.

VENDOR RESPONSE:

7. Please describe how your Shared Core meets the initial capacity and the expansion requirements included in Sections VI.A.7 and VI.A.8 of the RFP. Describe the number of radio subsystems, channels, sties, subscriber radios, talkgroups, and announcement groups that are supported by the Shared Core as proposed. (i.e., the numbers that can be supported by the Shared Core before any additional hardware or software is added). Describe the same numbers that can be supported with the addition of hardware and/or software.

VENDOR RESPONSE:

8. Please describe how your Shared Core meets the Project 25 Phase II migration requirements included in Section VI.A.9 of the RFP. Describe how the Shared Core would be altered (changed or reconfigured) to migrate to Project 25 Phase II. Describe how such a migration to Phase II would impact the P25 Trunking Features and Non-P25 Trunking Features included in Sections VI.A.4 and VI.A.5 of the RFP.

VENDOR RESPONSE:

9. Please describe how your Shared Core meets the Call Processing requirements included in Section VI.A.10 of the RFP. Describe the maximum number of calls per 24 hour period that the Shared Core can accommodate both as-proposed and with the addition of hardware and/or software.

VENDOR RESPONSE:

10. Please describe how your Shared Core meets the "Internal" Interoperability requirements included in Section VI.A.11 of the RFP. Describe how users on different radio subsystems (that are both connected to the Share Core) would communicate to each other on the same talkgroup, how they would roam from one subsystem to the other, and how they would scan talkgroups from the other radio subsystem. Describe any ways in which talkgroup access, inter-subsystem roaming, and/or inter-subsystem scanning can be restricted to limit these "Internal" Interoperability requirements to specific subscribers and/or talkgroups.

VENDOR RESPONSE:

11. Please describe the ISSI capabilities of your proposed Share Core and describe how your proposal meets the requirements of Section VI.A.12 of the RFP. With what Project 25 standards do your Shared Core's ISSI interfaces comply? What is the number of external systems to which your proposed Shared Core can interface, both as-proposed and with additional, future expansion? Please also describe your planned roadmap (including timing) for support of ISSI Scope 2.

VENDOR RESPONSE:

12. Please describe how your Shared Core meets the Core Reliability requirements included in Section VI.A.13 of the RFP. Describe how your design eliminates single points of failure as described in the RFP. Describe the equipment reliability of the Shared Core and the ability of that equipment to meet the requirements for 99.999% availability. Confirm your understanding of, and compliance with, the requirement to eliminate at your cost any single-points-of failure (including power supplies, power cords, etc.) found during the warranty period.

VENDOR RESPONSE:

13. Please describe the system's operation during failures of components included in the Shared Core. For each component included in the Shared Core describe: i) if a proposed redundant configuration operates in 'hot' or 'warm' standby mode; ii) the immediate impact to system performance (from the perspective of a user of a subscriber radio); iii) what notification is presented via the proposed system management equipment; iv) the actions automatically taken by other system components to continue operations (with either normal or limited performance); v) the actions that must be taken and by who to fully restore normal operations; and vi) any potential loss of data or configuration in any system component.

VENDOR RESPONSE:

14. Please describe how your Shared Core meets the Core / Network Management requirements included in Section VI.A.14 of the RFP including those for entering, viewing, changing, storing, or reporting (including printing or exporting) on system information.

VENDOR RESPONSE:

15. Please describe the architecture your proposed Core / Network Management equipment including how it meets the requirements of Section VI.A.15 of the RFP. Describe the components that are responsible for providing the functions listed in Sections VI.A.14 and VI.A.15, including those components that are part of the Shared Core and those that are distributed at Radio Subsystem or other locations. Describe how the functions listed in these sections can be accessed remotely. Describe how restrictions on access to these functions can be placed on users other than the "root Administrator". Describe the security measures that will be included to ensure that unauthorized access does not occur.

VENDOR RESPONSE:

16. Please confirm that you have included one (1) wireline dispatch console in the Shared Core as required by Section VI.A.16 and that it meets the requirements for wireline dispatch consoles (Standard/WCC Base Model) included in Section VI.F of the RFP.

VENDOR RESPONSE:

17. Please confirm that you have included the capabilities to interface to up to 16 conventional channels in the Shared Core as required by Section VI.A.17 and that the Conventional Channel Interfaces meet the requirements included in Section VI.F of the RFP.

VENDOR RESPONSE:

18. Please confirm that the Shared Core included in your design can interface to the other subsystems (all non-Shared-Core equipment to which the Shared Core must interconnect) via either the microwave links to be provided by Waukesha County or included in your design for Milwaukee County as required by Section VI.A.18 of the RFP. Describe any incompatibilities that exist between your Shared Core and these backhaul systems and any steps you have taken to eliminate them (including provision of alternate equipment for any existing backhaul links).

VENDOR RESPONSE:

Section F. Waukesha County Radio Subsystem

1. Please describe the functions of the trunked radio system that are performed by your proposed Waukesha County Radio Subsystem. Describe the components that comprise your proposed Waukesha County Radio Subsystem and, for each major component as described in Section VI.B.1 of the RFP, provide technical specifications for its hardware and software clearly labeled as "F1 – Technical Specifications Waukesha County Radio Subsystem". Provide a diagram of the Waukesha County Radio Subsystem that shows each component, its location, and its interconnections clearly labeled as "F1 –Waukesha County Radio Subsystem Diagram".

VENDOR RESPONSE:

2. Confirm your understanding that the Waukesha County Radio subsystem prime site will be located at the WCRS Site as required by Section VI.B.2 of the RFP.

VENDOR RESPONSE:

3. Please describe the ability of your proposed Waukesha County Radio Subsystem to provide the P25 and Non-P25 Trunking Features included in Sections VI.A.4 and VI.A.5 of the RFP.

VENDOR RESPONSE:

4. Please describe your understanding of the Service Areas for the Waukesha County Radio Subsystem as described in Section VI.B.4 of the RFP. For each, please describe your ability to meet the 95% talk-in and talk-out service area coverage reliability requirements included in Section VI.B.4 of the RFP. As required by Section VI.B.5 of the RFP, should the use of all current and planned sites not suffice to meet these requirements, please provide the analysis you used to determine that they cannot meet the coverage requirements of Section VI.B.4 of the RFP and state the degree to which they can meet those coverage requirements (i.e., state the percentage of service area reliability that can be achieved). Please also suggest (but do not include in your design or price proposal) the number and location(s) of sites that you feel are required to meet the full coverage requirements. For each such additional site, please provide the site's name, latitude and longitude, owner, base elevation, and the heights used for any and all transmit and receive antennas located at the sites.

VENDOR RESPONSE:

For any additional suggested site, provide:

- Site Name:
- Latitude/Longitude
- Owner:
- Base Elevation:
- Height for transmit and receive antennas:

5. According to the requirements of Section VI.B.6 of the RFP, please provide talk-in and talk-out coverage maps showing the 95% service area reliability area for your design for the Waukesha County Radio Subsystem. Clearly label these as "F5 Service Area Reliability Coverage Maps for Waukesha County." Please also provide link budgets for the service area reliability maps that show the losses and gains between the transmitter's effective radiated power and the receiver's effective received sensitivity, including factors such as reliability factors, body loss, free space loss, and others. Clearly label these as "F5 Link Budgets for Service Area Reliability Coverage Maps for Waukesha County." Please also include coverage maps showing the 40dBu talk-out signal strength performance for your design for the Waukesha County Radio Subsystem clearly labeled as "F5 Signal Strength Coverage Maps for Waukesha County". Include below narrative descriptions of the methods and tools used to generate the provided coverage maps and the degree to which they comply with the requirements of TSB-88-C.

VENDOR RESPONSE:

6. As required by Section VI.B.6 of the RFP, please describe your guarantee for the coverage reliability you are including in your design for the Waukesha County Radio Subsystem. As required by Section VI.B.7 of the RFP, please describe how you will test the coverage performance of the Waukesha County Radio Subsystem (note that a proposed Coverage Acceptance Test Plan is required as part of your response to questions relating to Project Deployment Services) and the degree to which it complies with the requirements of TSB-88-C. Describe what steps you will take, if those tests fail to demonstrate that the deployed subsystem meets its reliability requirements and provide your confirmation that these steps will be taken at no additional capital or ongoing cost to the Counties.

VENDOR RESPONSE:

7. Please describe your understanding of the capacity requirements for the Waukesha County Radio Subsystem. Please list the number of channels included in your design of the Waukesha County Radio Subsystem. As required by Section VI.B.8, please describe your analysis method and outcomes for determining the Grade of Service that can be achieved from 15 channels. If you proposed a number of channels that is greater than 15, please list the number of channels included in your design and describe the analysis you performed to arrive at that number of channels. Describe the Grade of Service expected from the number of channels included in your design.

VENDOR RESPONSE:

8. Please describe how your Waukesha County Radio Subsystem meets the Reliability requirements included in Section VI.B.9 of the RFP. Describe how your design eliminates single points of failure as described in the RFP. Describe the equipment reliability of the Waukesha County Radio Subsystem and the ability of that equipment to meet the requirements for 99.999% availability. Confirm your understanding of, and compliance with, the requirement to eliminate at your cost any single-points-of failure (including power supplies, power cords, etc.) found during the warranty period.

VENDOR RESPONSE:

9. As required by Section VI.B.9 of the RFP, please describe the system's operation during failures of components included in the Waukesha County Radio Subsystem. For each component included in the Waukesha County Radio Subsystem describe: i) if a proposed redundant configuration operates in 'hot' or 'warm' standby mode; ii) the immediate impact to system performance (from the perspective of a user of a subscriber radio); iii) what notification is presented via the proposed system management equipment; iv) the actions automatically taken by other system components to continue operations (with either normal or limited performance); v) the actions that must be taken and by whom to fully restore normal operations; and vi) any potential loss of data or configuration in any system component.

VENDOR RESPONSE:

10. Please describe how your Waukesha County Radio Subsystem meets the expansion requirements included in Section VI.B.10 of the RFP. Describe the number of radio subsystems, channels, sties, subscriber radios, talkgroups, and announcement groups that are supported by the Waukesha County Radio Subsystem as proposed. (i.e., the numbers that can be supported by the Waukesha County Radio Subsystem before any additional hardware or software is added). Describe the same numbers that can be supported with the addition of hardware and/or software.

VENDOR RESPONSE:

11. Please describe how your Waukesha County Radio Subsystem meets the Project 25 Phase II migration requirements included in Section VI.B.11 of the RFP. Describe how the Waukesha County Radio Subsystem would be altered (changed or reconfigured) to migrate to Project 25 Phase II. Describe how such a migration to Phase II would impact the P25 Trunking Features and Non-P25 Trunking Features included in Sections VI.A.4 and VI.A.5 of the RFP.

VENDOR RESPONSE:

12. Please confirm that the Waukesha County Radio Subsystem included in your design can interface to the other subsystems (including the Shared Core and all non-Shared-Core equipment to which the Waukesha County Radio Subsystem must interconnect) via the microwave links to be provided by Waukesha County as described in Section VI.B.12 of the RFP. Describe any incompatibilities that exist between your proposed Waukesha County Radio Subsystem and these backhaul systems and any steps you have taken to eliminate them (including provision of alternate equipment for any existing backhaul links).

VENDOR RESPONSE:

13. Please confirm your understanding of the requirements for the Waukesha County Radio Subsystem's Conventional Analog Simulcast System as described in Section VI.B.13 of the RFP. Describe the overall architecture of the design for the Conventional Analog Simulcast System and list which components are located at which sites. Describe the ability of the Conventional Analog Simulcast System to carry tone-based signals that cannot be carried on the P25 digital infrastructures (signals such as siren alerting tones and Knox Box tones).

VENDOR RESPONSE:

14. According to the requirements of Section VI.B.13 of the RFP, please provide coverage maps showing the 40 dBu talk-out signal strength contours of your proposed Waukesha County Radio Subsystem Conventional Analog Simulcast System clearly labeled "F15 –Signal Strength Coverage Maps for Analog System for Waukesha County".

VENDOR RESPONSE:

15. Please confirm that your design for the Waukesha County Radio Subsystem can meet the Timing Standards requirements of Section VI.B.14 of the RFP. Please describe any incompatibilities that may exist between the timing standards included in your design for the Waukesha County Radio Subsystem and the other simulcast channels listed in this requirement.

VENDOR RESPONSE:

Section G. WCC Dispatch Consoles

1. As required by Section VI.C.1 of the RFP, please confirm that you have included seventeen (17) wireline dispatch consoles for the WCC and they meet the requirements for wireline dispatch consoles (Standard/WCC Base Model) included in Section VI.F of the RFP.

VENDOR RESPONSE:

2. As required by Section VI.C.2 of the RFP, please confirm that you have included the capabilities to interface to up to 16 conventional channels in the Waukesha County Radio Subsystem and that the Conventional Channel Interfaces meet the requirements included in Section VI.F of the RFP.

VENDOR RESPONSE:

3. As required by Section VI.C.3 of the RFP, please confirm that your proposed design for the Waukesha County Radio Subsystem can interface to the WCC's ComLogNP (from CVDS, Inc) logging recorder. Describe any incompatibilities between your design for the Waukesha County Radio Subsystem and this logging recorder as well as any features of the logging recorder that will not be supported by your proposed design for the Waukesha County Radio Subsystem.

VENDOR RESPONSE:

Section H. Milwaukee County Radio Subsystem

1. Please describe the functions of the trunked radio system that are performed by your proposed Milwaukee County Radio Subsystem. Describe the components that comprise your proposed Milwaukee County Radio Subsystem and, for each major component as described in Section VI.D.1 of the RFP, provide technical specifications for its hardware and software clearly labeled as "H1 – Technical Specifications Milwaukee County Radio Subsystem". Provide a diagram of the Milwaukee County Radio Subsystem that shows each component, its location, and its interconnections clearly labeled as "H1 – Milwaukee County Subsystem Diagram".

VENDOR RESPONSE:

2. Confirm your understanding that the Milwaukee County Radio subsystem prime site will be located at the Muirdale Site as required by Section VI.D.2 of the RFP.

VENDOR RESPONSE:

3. Please describe the ability of your proposed Milwaukee County Radio Subsystem to provide the P25 and Non-P25 Trunking Features included in Sections VI.A.4 and VI.A.5 of the RFP.

VENDOR RESPONSE:

4. Please describe your understanding of the Service Area for the Milwaukee County Radio Subsystem as described in Section VI.D.4 of the RFP. Please describe your ability to meet the 95% talk-in and talk-out service area coverage reliability requirements included in Section VI.D.4 of the RFP. As required by Section VI.D.5 of the RFP, should the use of all current sites not suffice to meet these requirements, please provide the analysis you used to determine that they cannot meet the coverage requirements of Section VI.D.4 of the RFP and please state the degree to which they can meet those coverage requirements (i.e., state the percentage of service area reliability that can be achieved). Please also suggest (but do not include in your design or price proposal) the number and location(s) of sites that you feel are required to meet the full coverage requirements. For each such additional site, please provide the site's name, latitude and longitude, owner, base elevation, and the heights used for any and all transmit and receive antennas located at the sites.

VENDOR RESPONSE:

For any additional suggested site, provide:

- Site Name:
- Latitude/Longitude
- Owner:
- Base Elevation:
- Height for transmit and receive antennas:

5. According to the requirements of Section VI.D.6 of the RFP, please provide talk-in and talk-out coverage maps showing the 95% service area reliability area for your design for the Milwaukee County Radio Subsystem. Clearly label these as "H5 Service Area Reliability Coverage Maps for Milwaukee County." Please also provide link budgets for the service area reliability maps that show the losses and gains between the transmitter's effective radiated power and the receiver's effective received sensitivity, including factors such as reliability factors, body loss, free space loss, and others. Clearly label these as "H5 Link Budgets for Service Area Reliability Coverage Maps for Milwaukee County." Please also include coverage maps showing the 40dBu talk-out signal strength performance for your design for the Milwaukee County Radio Subsystem clearly labeled as "H5 – Signal Strength Coverage Maps Milwaukee County Radio Subsystem". Include below narrative descriptions of the methods and tools used to generate the provided coverage maps and the degree to which they comply with the requirements of TSB-88-C.

VENDOR RESPONSE:

6. As required by Section VI.D.6 of the RFP, please describe your guarantee for the coverage reliability you are including in your design for the Milwaukee County Radio Subsystem. As required by Section VI.D.7 of the RFP, please describe how you will test the coverage performance of the Milwaukee County Radio Subsystem (note that a proposed Coverage Acceptance Test Plan is required as part of your response to questions relating to Project Deployment Services) and the degree to which it complies with the requirements of TSB-88-C. Describe what steps you will take, if those tests fail to demonstrate that the deployed subsystem meets its reliability requirements and provide your confirmation that these steps will be taken at no additional capital or ongoing cost to the Counties.

VENDOR RESPONSE:

7. Please describe your understanding of the capacity requirements for the Milwaukee County Radio Subsystem. Please list the number of channels included in your design of the Milwaukee County Radio Subsystem. As required by Section VI.D.8, please describe your analysis method and outcomes for determining the Grade of Service that can be achieved from 15 channels. If you proposed a number of channels this is greater than 18, please list the number of channels included in your design and describe the analysis you performed to arrive at that number of channels. Describe the Grade of Service expected from the number of channels included in your design.

VENDOR RESPONSE:

8. Please describe how your Milwaukee County Radio Subsystem meets the Reliability requirements included in Section VI.D.9 of the RFP. Describe how your design eliminates single points of failure as described in the RFP. Describe the equipment reliability of the Milwaukee County Radio Subsystem and the ability of that equipment to meet the requirements for 99.999% availability. Confirm your understanding of, and compliance with, the requirement to eliminate at your cost any single-points-of failure (including power supplies, power cords, etc.) found during the warranty period.

VENDOR RESPONSE:

9. As required by Section VI.D.9 of the RFP, please describe the system's operation during failures of components included in the Milwaukee County Radio Subsystem. For each component included in the Milwaukee County Radio Subsystem describe: i) if a proposed redundant configuration operates in 'hot' or 'warm' standby mode; ii) the immediate impact to system performance (from the perspective of a user of a subscriber radio); iii) what notification is presented via the proposed system management equipment; iv) the actions automatically taken by other system components to continue operations (with either normal or limited performance); v) the actions that must be taken and by whom to fully restore normal operations; and vi) any potential loss of data or configuration in any system component.

VENDOR RESPONSE:

10. Please describe how your Milwaukee County Radio Subsystem meets the expansion requirements included in Section VI.D.10 of the RFP. Confirm that the antenna systems (including combiners and multicouplers) at the individual radio sites have been designed to accommodate up to 28 radio channels. Describe the number of radio subsystems, channels, sties, subscriber radios, talkgroups, and announcement groups that are supported by the Milwaukee County Radio Subsystem as proposed. (i.e., the numbers that can be supported by the Milwaukee County Radio Subsystem before any additional hardware or software is added). Describe the same numbers that can be supported with the addition of hardware and/or software.

VENDOR RESPONSE:

11. Please describe how your Milwaukee County Radio Subsystem meets the Project 25 Phase II migration requirements included in Section VI.D.11 of the RFP. Describe how the Milwaukee County Radio Subsystem would be altered (changed or reconfigured) to migrate to Project 25 Phase II. Describe how such a migration to Phase II would impact the P25 Trunking Features and Non-P25 Trunking Features included in Sections VI.A.4 and VI.A.5 of the RFP.

VENDOR RESPONSE:

12. Please confirm your understanding of the requirements for the Milwaukee County Radio Subsystem's Legacy Radio System Interface as required by Section VI.D.12 of the RFP. Describe the overall architecture of the design for the Legacy Radio System Interface and describe how conversations between users of your proposed Milwaukee County Radio Subsystem' and the existing Milwaukee County trunked radio system. Describe which features would be retained and which would be lost through the proposed Legacy Radio System Interface (i.e., what signaling is removed from or added to conversations or other calls (including emergency calls) that pass through the Interface). Describe any other benefits or limitations of your proposed Legacy Radio System Interface.

VENDOR RESPONSE:

13. Please describe the ability of your proposed design for the microwave backhaul included in your Milwaukee County Radio Subsystem to meet the requirements of Section VI.D.13 of the RFP. Provide a network diagram of the microwave backhaul included in your Milwaukee County Radio Subsystem. Describe the following attributes of the proposed microwave backhaul:
- Network architecture
 - Path reliability (for each individual path)
 - Bandwidth/capacity (for each individual path)
 - Configurability and ability to provide IP and T-Carrier signaling as required
 - Frequency band (for each individual path)
 - Management and monitoring system
 - Installation arrangement (waveguide-less installation)
- Also, confirm that your design includes links and spurs to all sites required in Section VI.D.13 of the RFP, including to the Shared Core.
Attach diagrams of your microwave backhaul as "H.13 – Microwave Backhaul for Milwaukee County Radio Subsystem."

VENDOR RESPONSE:

14. As required by Section VI.D.14 of the RFP, please confirm that you have included thirteen (13) wireline dispatch consoles for the Milwaukee County Sheriff's Office and they meet the requirements for wireline dispatch consoles (MCSO Base Model) included in Section VI.F of the RFP and that they will be located as described in Section VI.D.14. Please also confirm that you have included 1 wireless dispatch console (MCSO Base Model) for the MCCFS; five (5) wireline dispatch consoles for the Milwaukee County Transit System's dispatch center and four (4) for the Milwaukee County Emergency Medical Services dispatch center that all meet the requirements for wireline dispatch consoles (WCC/Standard Base Model) included in Section VI.F of the RFP. Please also confirm that you have included 1 wireless dispatch console (WCC/Standard Base Model) for the MCHD.

VENDOR RESPONSE:

15. Please confirm that you have included the equipment and resources required to integrate GMIA's existing 4 dispatch positions (Motorola MCC7500) into the Milwaukee County Radio Subsystem and that the design of the Milwaukee County Radio Subsystem and the Shared Core shall accommodate the interconnection of new wireline or wireless consoles from local municipalities as required by Section VI.D.14 of the RFP. Please describe if the existing dispatch consoles at these dispatch centers at GMIA or at Bayside Communications Center will not be able to perform any of the Wireline dispatch console features included in Section VI.F of the RFP once they are integrated into your proposed design for the Milwaukee County Radio Subsystem.

VENDOR RESPONSE:

16. Please confirm that you have included the capabilities to interface to up to 16 conventional channels in the Milwaukee County Radio Subsystem and that the Conventional Channel Interfaces meet the requirements included in Section VI.F of the RFP.

VENDOR RESPONSE:

17. As required by Section VI.D.15 of the RFP, please confirm that your proposed design for the Milwaukee County Radio Subsystem can interface to the following logging recorders:
- a. Milwaukee County Sheriff's Office's NICE Systems NRX Inform logging recorder
 - b. Milwaukee County Transit System's CVDS Inc. ComLogNP logging recorder
 - c. Milwaukee County Emergency Medical Services' CVDS Inc. ComLogNP logging recorder
- Describe any incompatibilities between your design for the Milwaukee County Radio Subsystem and this logging recorder as well as any features of the logging recorder that will not be supported by your proposed design for the Milwaukee County Radio Subsystem.

VENDOR RESPONSE:

18. Please confirm your understanding of the requirements for the Milwaukee County Radio Subsystem's Legacy Dispatch Console Interface as required by Section VI.D.16 of the RFP. Describe the overall architecture of the design for the Legacy Dispatch Console Interface and describe how existing dispatch consoles would be interfaced to your proposed Milwaukee County Radio Subsystem while retaining all existing functionality with the existing Milwaukee County trunked radio system. Describe which features would be retained and which would be lost through the proposed Legacy Dispatch Console Interface (i.e., what signaling is removed from or added to conversations or other calls (including emergency calls) that pass through the Interface). Describe any other benefits or limitations of your proposed Legacy Dispatch Console Interface. Confirm that you have included the necessary upgrades to the existing dispatch consoles (all that interface to the Embassy Switch plus those in use at MCTS) as required to allow them to operate with and through the proposed legacy dispatch console interface.

VENDOR RESPONSE:

Section I. Radio Repeaters

1. Please provide a general description of the radio repeaters proposed for the Waukesha and Milwaukee County Radio Subsystems.

VENDOR RESPONSE:

2. As required by Section VI.E.1 of the RFP, please provide the Supplier's Declaration of Conformity clearly labeled as "I.2 – SDOC Radio Repeaters", per the Project 25 Compliance Assessment Program, for the radio repeaters proposed for the Waukesha and Milwaukee County Radio Subsystems.

VENDOR RESPONSE:

3. Please confirm that the radio repeaters proposed for the Waukesha and Milwaukee County Radio Subsystems meet the Radio Parametric, Repeater Indicator, and Repeater Electrical Power Requirements of Sections VI.E.2, VI.E.3, and VI.E.4 of the RFP.

VENDOR RESPONSE:

4. Please confirm that you have included repeater programming hardware and software that meets the requirements of Section VI.E.5 of the RFP. Please provide a listing of the programming hardware and software including the quantities of each piece of equipment (or software license) for Waukesha County and for Milwaukee.

VENDOR RESPONSE:

Section J. Dispatch Consoles

1. Please provide a general description of the dispatch consoles proposed in the configurations in the Waukesha and Milwaukee County Radio Subsystems and their respective dispatch centers, including WCC.

VENDOR RESPONSE:

2. Please confirm that the Wireline dispatch consoles proposed for the Waukesha and Milwaukee County Radio Subsystems, including WCC, are available in the models and configurations called for in Section VI.F.1 and VI.F.2 of the RFP.

VENDOR RESPONSE:

3. Please confirm that the Wireline dispatch consoles proposed for the Waukesha and Milwaukee County Radio Subsystems, including WCC, can be equipped with the options called for in Section VI.F.3 of the RFP.

VENDOR RESPONSE:

4. Please confirm that the Wireline dispatch consoles proposed for the Waukesha and Milwaukee County Radio Subsystems, including WCC, provide the Display/Audio and Push-to-Talk capabilities included in Sections VI.F.4 and VI.F.5 of the RFP.

VENDOR RESPONSE:

5. Please confirm that the Wireline dispatch consoles proposed for the Waukesha and Milwaukee County Radio Subsystems, including WCC, provide the Operational Features (all, including those marked as “WIRELINE ONLY” and those not marked as “WIRELINE ONLY”) included in Sections VI.F.6 of the RFP.

VENDOR RESPONSE:

6. Please confirm that the wireless (non-Wireline) dispatch consoles proposed for operation on the Waukesha and Milwaukee County Radio Subsystems are available in the models and configurations called for in Section VI.F.1 and VI.F.2 of the RFP.

VENDOR RESPONSE:

7. Please confirm that the wireless (non-Wireline) dispatch consoles proposed for operation on the Waukesha and Milwaukee County Radio Subsystems can be equipped with the options called for in Section VI.F.3 of the RFP.

VENDOR RESPONSE:

8. Please confirm that the wireless (non-Wireline) dispatch consoles that are proposed for operation on the Waukesha and Milwaukee County Radio Subsystems provide the Display/Audio and Push-to-Talk capabilities included in Sections VI.F.4 and VI.F.5 of the RFP.

VENDOR RESPONSE:

9. Please confirm that the wireless (non-Wireline) dispatch consoles proposed for operation on the Waukesha and Milwaukee County Radio Subsystems provide the Operational Features (only those not marked as “WIRELINE ONLY”) included in Sections VI.F.6 of the RFP.

VENDOR RESPONSE:

10. Please confirm that the Conventional Channel Interfaces proposed for operation with the Waukesha and Milwaukee County Radio Subsystems provide the functionality included in Section VI.F.7 of the RFP. Describe any special requirements for the conventional channel radio equipment with which the Conventional Channel Interfaces must interface. Describe the quantity of conventional channels that can be interfaced by each Conventional Channel Interface unit.

VENDOR RESPONSE:

11. Please confirm that you have included dispatch console programming hardware and software that meets the requirements of Section VI.F.8 of the RFP. Please provide a listing of the programming hardware and software including the quantities of each piece of equipment (or software license) for Waukesha County and for Milwaukee clearly labeled as “J11 – Dispatch Console Programming Hardware and Software.”

VENDOR RESPONSE:

Section K. Portable Subscriber Radios

1. Please provide a general description of the portable subscriber radios, in your proposed configurations.

VENDOR RESPONSE:

2. As required by Section VI.G.1 of the RFP, please provide the Supplier's Declaration of Conformity per the Project 25 Compliance Assessment Program, for the portable subscriber radios, in your proposed configurations. Clearly label these as "K2 – SDOC Portable Subscriber Radios",

VENDOR RESPONSE:

3. Please describe the ability of your proposed portable subscriber radios to meet the Mode of Operations and Vocoder requirements of Sections VI.G.2 and VI.G.3 of the RFP. Describe the vocoder(s) included in your proposed portable subscriber radios.

VENDOR RESPONSE:

4. Please describe the ability of your proposed portable subscriber radios to provide the P25 Trunking Features included in Section VI.G.4 of the RFP.

VENDOR RESPONSE:

5. Please describe the ability of your proposed portable subscriber radios to provide the Non-P25 Trunking Features included in Section VI.G.5 of the RFP.

VENDOR RESPONSE:

6. Please describe the ability of your proposed portable subscriber radios to meet the Scan Mode requirements of Section VI.G.6 of the RFP. Describe how users can activate the various scan modes including their ability to configure or alter scan operations.

VENDOR RESPONSE:

7. Please confirm that the proposed portable subscriber radios meet the Radio Parametric, Programming Capacity, Radio Connector, and Environmental Requirements of Sections VI.G.7, VI.G.8, VI.G.9, and VI.G.14 of the RFP.

VENDOR RESPONSE:

8. Please confirm that the proposed portable subscriber radios are available in the models ("tiers") listed in Section VI.G.10 of the RFP and that the capabilities of each model ("tier") meets the Requirements of Sections VI.G.11, VI.G.12, and VI.G.13 of the RFP.

VENDOR RESPONSE:

9. Please confirm that the proposed portable subscriber radios meet the Battery Charging Requirements of Section VI.G.15. Describe the portable subscriber radio chargers included in your proposal and their ability to meet the requirements of Section VI.G.16 of the RFP.

VENDOR RESPONSE:

10. Please confirm that the proposed portable subscriber radios are available in the configurations listed in Sections VI.G.17 and VI.G.18 of the RFP.

VENDOR RESPONSE:

11. Provide a listing of the equipment (hardware and software) clearly labeled as “K11 – Programming Hardware and Software – Portable Subscriber Radios” that has been proposed for the programming of the proposed portable subscriber radios. Describe how this programming equipment meets the Programming Security requirements of Section VI.G.19 of the RFP. Describe the operation of the hardware-based system key and how it can be configured to operate as a “parent” or a “child” as required by Section VI.G.19 of the RFP. Describe the restrictions that can be placed on a “child” hardware-based system key. Describe the steps your firm will take to ensure that only Waukesha and Milwaukee Counties are provided with hardware-based system keys for your proposed system.

VENDOR RESPONSE:

12. Please describe the code plug management feature of the equipment (hardware and software) that has been proposed for the programming of the proposed portable subscriber radios. Describe how users operate its features of creating and distributing code plugs as well as for accessing and programming code plugs as required by Section VI.G.19 of the RFP. Describe how this feature ensures that only the correct code plug will be programmed into the designated radio.

VENDOR RESPONSE:

13. Please describe the equipment (hardware and software) that has been proposed for the management of encryption and authentication keys for the proposed portable subscriber radios. Confirm the compliance of such keys with TIA-102.AACD. Describe the operation of the key management tool and how it can be configured to operate in a “controlling” or a “compliant” manner as required by Section VI.G.19 of the RFP.

VENDOR RESPONSE:

14. Please confirm that you have included the quantities of portable subscriber radio programming hardware and software to meet the requirements of Section VI.G.20 of the RFP. Please provide a listing of the programming hardware and software including the quantities of each piece of equipment (or software license) for Waukesha County and for Milwaukee.

VENDOR RESPONSE:

15. Please describe how your proposed portable subscriber radios meet the Project 25 Phase II migration requirements included in Section VI.G.21 of the RFP. Describe how the proposed portable subscriber radios would be altered (changed or reconfigured) to migrate to Project 25 Phase II. Describe how such a migration to Phase II would impact the P25 Trunking Features and Non-P25 Trunking Features included in Sections VI.A.4 and VI.A.5 of the RFP.

VENDOR RESPONSE:

16. Please describe your understanding of the requirements to provide software upgrades to the existing portable radios in Waukesha and Milwaukee Counties as described in Section VI.G.22 of the RFP. Describe your understanding of and assumptions regarding the current condition of these existing portable subscriber radios. Describe the capabilities and operations of these existing portable subscriber radios as they will be after your proposed upgrades including the ability of the radios to meet the requirements of the P25 Trunking Features and Non-P25 Trunking Features included in Sections VI.A.4 and VI.A.5 of the RFP. Describe the hardware, software, and services you have included in your proposal to meet the requirements of this section clearly labeled as “K16 – Hardware, Software and Services – Portable Radio Upgrades”.

VENDOR RESPONSE:

Section L. Mobile Subscriber Radios

1. Please provide a general description of the mobile subscriber radios, in their proposed configurations.

VENDOR RESPONSE:

2. Please provide the Supplier's Declaration of Conformity, per the Project 25 Compliance Assessment Program, for the mobile subscriber radios in your proposed configurations as described in Section VI.H.1. Clearly label these as "L2 - SDOC Mobile Subscriber Radio".

VENDOR RESPONSE:

3. Please describe the ability of your proposed mobile subscriber radios to meet the Mode of Operations and Vocoder requirements of Sections VI.H.2 and VI.H.3 of the RFP. Describe the vocoder(s) included in your proposed mobile subscriber radios.

VENDOR RESPONSE:

4. Please describe the ability of your proposed mobile subscriber radios to provide the P25 Trunking Features included in Section VI.H.4 of the RFP.

VENDOR RESPONSE:

5. Please describe the ability of your proposed mobile subscriber radios to provide the Non-P25 Trunking Features included in Section VI.H.5 of the RFP.

VENDOR RESPONSE:

6. Please describe the ability of your proposed mobile subscriber radios to meet the Scan Mode requirements of Section VI.H.6 of the RFP. Describe how users can activate the various scan modes including their ability to configure or alter scan operations.

VENDOR RESPONSE:

7. Please confirm that the proposed mobile subscriber radios meet the Radio Parametric, Programming Capacity, and Environmental Requirements of Sections VI.H.7, VI.H.8, and VI.H.18 of the RFP.

VENDOR RESPONSE:

8. Please confirm that the proposed mobile subscriber radios meet the Radio Connector and Physical Construction requirements of Sections VI.H.9 and VI.H.10 of the RFP.

VENDOR RESPONSE:

9. Please confirm that the proposed mobile subscriber radios are available in the models ("tiers") listed in Section VI.H.11 of the RFP and that the capabilities of each model ("tier") meets the Requirements of Sections VI.H.12, VI.H.13, VI.H.14, VI.H.15, VI.H.16, and VI.H.17 of the RFP.

VENDOR RESPONSE:

10. Provide a listing of the equipment (hardware and software) that has been proposed for the programming of the proposed mobile subscriber radios clearly labeled as “L10 – Programming Hardware and Software Mobile Subscriber Radios” Describe how this programming equipment meets the Programming Security requirements of Section VI.H.19 of the RFP. Describe the operation of the hardware-based system key and how it can be configured to operate as a “parent” or a “child” as required by Section VI.H.19 of the RFP. Describe the restrictions that can be placed on a “child” hardware-based system key. Describe the steps your firm will take to ensure that only Waukesha and Milwaukee Counties are provided with hardware-based system keys for your proposed system.

VENDOR RESPONSE:

11. Please describe the code plug management feature of the equipment (hardware and software) that has been proposed for the programming of the proposed mobile subscriber radios. Describe how users operate its features of creating and distributing code plugs as well as for accessing and programming code plugs as required by Section VI.H.19 of the RFP. Describe how this feature ensures that only the correct code plug will be programmed into the designated radio.

VENDOR RESPONSE:

12. Provide a listing of the equipment (hardware and software) clearly labeled as “L12 – Encryption and Authentication Equipment” that has been proposed for the management of encryption and authentication keys for the proposed mobile subscriber radios. Confirm the compliance of such keys with TIA-102.AACD. Describe the operation of the key management tool and how it can be configured to operate in a “controlling” or a “compliant” manner as required by Section VI.H.19 of the RFP.

VENDOR RESPONSE:

13. Please confirm that you have included the quantities of mobile subscriber radio programming hardware and software to meet the requirements of Section VI.H.20 of the RFP. Please provide a listing of the programming hardware and software including the quantities of each piece of equipment (or software license) for Waukesha County and for Milwaukee clearly labeled as “L13 – Hardware, Software and Services – Subscriber Radio Upgrades”.

VENDOR RESPONSE:

14. Please describe how your proposed mobile subscriber radios meet the Project 25 Phase II migration requirements included in Section VI.H.21 of the RFP. Describe how the proposed mobile subscriber radios would be altered (changed or reconfigured) to migrate to Project 25 Phase II. Describe how such a migration to Phase II would impact the P25 Trunking Features and Non-P25 Trunking Features included in Sections VI.A.4 and VI.A.5 of the RFP.

VENDOR RESPONSE:

15. Please describe your understanding of the requirements to provide software upgrades to the existing mobile radios in Waukesha and Milwaukee Counties as described in Section VI.H.22 of the RFP. Describe your understanding of and assumptions regarding the current condition of these existing mobile subscriber radios. Describe the capabilities and operations of these existing mobile subscriber radios, including the “RB” versions, as they will be after your proposed upgrades including the ability of the radios to meet the requirements of the P25 Trunking Features and Non-P25 Trunking Features included in Sections VI.A.4 and VI.A.5 of the RFP. Describe the hardware, software, and services you have included in your proposal to meet the requirements of this section clearly labeled as “L15 – Hardware, Software and Services – Existing Radio Upgrades”.

VENDOR RESPONSE:

Section M. Spares and Test Equipment

1. Please provide a listing of all spare equipment included in your proposal clearly labeled as "M1 – Spare Equipment". Describe them by category (the piece of equipment for which they are a spare), County (Waukesha or Milwaukee), and quantity.

VENDOR RESPONSE:

2. Please provide a listing of all test equipment included in your proposal clearly labeled as "M2 – Test Equipment – Subscriber Radio Upgrades". Describe them by category (the test function they perform or the equipment they test), County (Waukesha or Milwaukee), and quantity.

VENDOR RESPONSE:

Section N. Product Availability and Lifecycle Support

1. As required by Section VI.K.1 of the RFP, please confirm that all of the following products in the configurations proposed for this project are: i) currently (as of submission of your proposal) ready for shipments to customers (i.e., still in product development or pre-shipping qualification) and ii) not slated (formally announced) for cancellation with an announced date for last orders that is within 12 months of the date of submission of proposals with the exception of any equipment required to interface any part of the proposed system to legacy, analog equipment used in either of the Counties' existing systems including those specifically called for in Sections VI.D.12 and VI.D.16 of the RFP.
 - a. Centralized network trunked system control equipment
 - b. Local (at a radio site) trunked system control equipment
 - c. Key network (LAN/WAN) components including those that connect controllers, audio processors, dispatch consoles, interoperability equipment, and radio sites
 - d. Dispatch consoles
 - e. Repeater at a site
 - f. System management equipment
 - g. Portable subscriber radios
 - h. Mobile subscriber radios

VENDOR RESPONSE:

2. As required by Section VI.K.2 of the RFP, please confirm your compliance that the following products, in the configurations proposed for this project, shall be available for the full term of the resulting purchase contract or functional equivalents shall be available at no additional cost for the same period. (Note that the phrase "no additional cost" means that the cost of a functional equivalent and the costs for any associated upgrades/replacements to functionally-associated, in-use equipment that is caused by the introduction of the functional equivalent shall be no greater than the cost of the product as proposed.)
 - a. Centralized network trunked system control equipment
 - b. Local (at a radio site) trunked system control equipment
 - c. Key network (LAN/WAN) components including those that connect controllers, audio processors, dispatch consoles, interoperability equipment, and radio sites
 - d. Dispatch consoles
 - e. Repeater at a site
 - f. System management equipment
 - g. Portable subscriber radios
 - h. Mobile subscriber radios

VENDOR RESPONSE:

3. As required by Section VI.K.3 of the RFP, please confirm your compliance that parts and technical service shall be available for the following products for a period of 7 years after notice of their discontinuation:
 - a. Network control subsystem equipment
 - b. Local (at a radio site) trunked system control equipment
 - c. Key network (LAN/WAN) components including those that connect controllers, audio processors, dispatch consoles, interoperability equipment, and radio sites
 - d. Dispatch consoles
 - e. Repeaters
 - f. System management equipment
 - g. Portable subscriber radios
 - h. Mobile subscriber radios

VENDOR RESPONSE:

Section O. Site Power and Racks

1. Please confirm that the proposed products to be housed at the Shared Core, Radio Subsystem Prime, and Radio Subsystem Remote sites will operate from the power sources (at the voltages and current levels) described in Sections VI.L.1, VI.L.2, and VI.L.3 of the RFP. Describe what site power equipment you have included, by site, in your proposal and what site power equipment you assume will be provided by Waukesha County or Milwaukee County. (Include in this discussion batteries, rectifiers, Universal Power Supplies, generators, transfer switches, and any other relevant power supply equipment.)

VENDOR RESPONSE:

2. Please confirm that the proposed products to be housed at the Shared Core, Radio Subsystem Prime, and Radio Subsystem Remote sites will be housed in the rack equipment described in Section VI.M of the RFP. Describe what rack equipment you have included, by site, in your proposal and what rack equipment you assume will be provided by Waukesha County or Milwaukee County. (Include in this discussion radio equipment racks, server racks, and racks for cavities/filters.)

VENDOR RESPONSE:

Section P. Site Remediation and Site Workmanship

1. Please describe your understanding of the site remediation to be performed by Waukesha County as described in Section VI.N of the RFP. Describe the site remediation (including equipment and services) for Waukesha County sites you have included in your proposal. Confirm your understanding that Waukesha County will be responsible for the construction of a new shelter at the site at the Menomonee Falls Park site as well as the new sites (including shelters and towers) at Vernon Town Hall and Lisbon Fire Department (Good Hope Station). Confirm also your understanding that you shall be responsible for other site remediation at these and other sites as required to meet the Site Workmanship Requirements of Section VI.P of the RFP. Include in this discussion any and all sites included in your proposal for the Shared Core, Waukesha County Radio Subsystem Prime, and Waukesha County Radio Subsystem Remote sites.

VENDOR RESPONSE:

2. Please describe the site remediation you have included in your proposal for the Milwaukee County sites as described in Section VI.O of the RFP. Describe the site remediation (including equipment and services) for Milwaukee County sites you have included in your proposal. Confirm your understanding that you shall be responsible for the remediation (reinforcement or replacement) of the towers at Brown Deer Park and Engine 38/Donna Drive. Confirm also your understanding that you shall be responsible for the installation and deployment of a new generator, including transfer switch, and new antenna masts at Lakeshore Towers. Confirm also your understanding that you shall be responsible for the provision of temporary or permanent shelter at the Greenfield Police Department site as required for the implementation of new radio equipment at that site. Confirm also your understanding that you shall be responsible for other site remediation at these and other sites as required to meet the Site Workmanship Requirements of Section VI.P of the RFP. Include in this discussion any and all sites included in your proposal for the Milwaukee County Radio Subsystem Prime and Milwaukee County Radio Subsystem Remote sites.

VENDOR RESPONSE:

3. Please confirm that any and all work performed by your firm (including subcontractors) will be per the requirements of Section VI.P of the RFP. Confirm your agreement to complete all work per the "Motorola R56" and/or "Harris Site Grounding Guidelines" documents referenced in Section VI.P of the RFP. (If another site workmanship standard is to be followed, please provide that document's information (title, source, etc.) and please include it as a supplementary upload as part of your proposal and clearly label it as "P3 – Workmanship Standard".)

VENDOR RESPONSE:

Section Q. Project Deployment Services

1. Please describe your understanding of the capabilities of the Waukesha County Radio Services organization (described in Section VI.Q.1 of the RFP) as it relates to the services they can provide for implementation and ongoing support. Please also describe your understanding of the maintenance and support services that must be provided to Milwaukee County for the operation of their existing system.

VENDOR RESPONSE:

2. Please confirm that your proposal includes the necessary staff and other resources to provide the Project Management Services required by Section VI.Q.2 of the RFP.

VENDOR RESPONSE:

3. Please describe the Licensing Support and Frequency Planning services listed in Sections VI.Q.3 and VI.Q.4 of the RFP that you will provide if your firm is the selected vendor. Describe the expectations you have for the Licensing Support and Frequency Planning services that will be provided by Waukesha County and/or Milwaukee County. Include in these discussions the licensing services for radio and microwave frequencies.

VENDOR RESPONSE:

4. Please describe the Tower Analysis and Site Preparation services listed in Sections VI.Q.5 and VI.Q.6 of the RFP you will provide if your firm is the selected vendor. Describe your understanding you have for the Tower Analysis and Site Preparation services that will be provided by Waukesha County and/or Milwaukee County.

VENDOR RESPONSE:

5. Please describe the System Cutover services listed in Section VI.Q.7 of the RFP you will provide if your firm is the selected vendor. Please include your cutover strategy as required by Section VI.Q.7 of the RFP that accommodates i) the expressed need for the Counties to continue to operate their existing systems during the deployment of an transition to the your proposed system, ii) the implementation timeframes listed in Section V of the RFP, and iii) the use of Legacy Radio System and Legacy Dispatch Console Interfaces as included in your proposal. Be sure this description addresses the topic of how users and dispatchers of the Waukesha and Milwaukee County radio subsystems will be able to talk to: i) users on the other County's radio subsystem, ii) dispatchers on their radio subsystem, iii) and dispatchers on the other County's radio subsystem during all phases of deployment. Describe the expectations you have for the System Cutover services that will be provided by Waukesha County and/or Milwaukee County.

VENDOR RESPONSE:

6. Please describe the Fleet mapping and Staging services you will provide if your firm is the selected vendor. Describe any of the Fleet mapping and Staging services listed in Sections VI.Q.8 and VI.Q.9 of the RFP that you cannot provide. Please provide a summary of what your firm feels is the most effective way to develop a fleet map if you feel the process described in Section VI.Q.8 can be improved. Please list the location of your staging facility. Describe the expectations you have for the Fleet mapping and Staging services that will be provided by Waukesha County and/or Milwaukee County.

VENDOR RESPONSE:

7. Please describe the Field Implementation and Optimization Services for Infrastructure Excluding Wireless Dispatch Positions as well as for Wireless Dispatch Positions you will provide if your firm is the selected vendor. Describe any of the Field Implementation and Optimization Services listed in Sections VI.Q.10 and VI.Q.11 of the RFP that you will not or cannot provide. Confirm your understanding of WCRS' abilities to assist in these services and please state your willingness to include two WCRS staff in the Field Implementation and Optimization Services. Describe the expectations you have for the Field Implementation and Optimization Services that will be provided by Waukesha County and/or Milwaukee County.

VENDOR RESPONSE:

8. Please describe the System Testing and Acceptance Services you will provide if your firm is the selected vendor. Describe your ability to meet any of the tasks or guidelines listed in Section VI.Q.12 of the RFP. Describe the expectations you have for the System Testing and Acceptance Services that will be provided by Waukesha County and/or Milwaukee County. Describe your proposed plan to remedy any failures found in any test (including correcting defects and repeating the test, at no additional cost to either County, until the test is successfully passed).

VENDOR RESPONSE:

9. Please describe the Portable Subscriber Radio Implementation and Mobile Subscriber Radio Implementation Services listed in Sections VI.Q.13 and VI.Q.14 of the RFP you will provide if your firm is the selected vendor. Describe the expectations you have for the Portable Subscriber Radio Implementation and Mobile Subscriber Radio Implementation Services that will be provided by Waukesha County and/or Milwaukee County.

VENDOR RESPONSE:

10. Please describe the Training and Documentation Services you will provide if your firm is the selected vendor. Confirm the class scopes (topics and level of detail), durations, sizes, and locations for all of the Training Services listed in Section VI.Q.15 of the RFP. Describe the expectations you have for the Training Services that will be provided by Waukesha County and/or Milwaukee County. Please confirm your willingness to confirm with the Counties curricula for all courses before the initiation of training as well as your willingness to provide 'customer training packages', as described in Section VI.Q.15 of the RFP, for subscriber radio and dispatch console training classes. Confirm also your ability to meet the documentation requirements according to the requirements of Section VI.Q.16 of the RFP.

VENDOR RESPONSE:

11. Please provide a proposed Project Management that meets the requirements of Section VI.Q.17 of the RFP and that addresses the topics listed in that section, namely:
- Plan Staffing Plan
 - Project Schedule (in Gantt Format)
 - Testing Plan(s) (note that a proposed Acceptance Test Plans are required as part of your response to a specific question included below)
 - Project Reporting Plan
 - Project Risk Plan (including general risk management practices and a description of the risks anticipated for this specific project)
 - Project Change Management Plan (including a description of the situations in which you anticipate issuing a Change Order as well as descriptions of the processes used to request, review, approve, and enact (implement) a change to the project scope, schedule, or cost.

The Project Management Plan should be provided as a separate attachment clearly identified as "Q11 – Project Management Plan."

VENDOR RESPONSE:

Section R. System Support and Maintenance

1. Please describe your System Warranty and confirm that it meets the requirements of Section VI.R.1 of the RFP. Describe what actions or conditions will initiate the start of the System Warranty period. Describe the duration of the System Warranty period. Describe what portions of the system (including hardware, software, and services) are, and are not, covered by your System Warranty. Describe any actions that, if taken by users of the system, would void or otherwise invalidate all or portions of the System Warranty.

VENDOR RESPONSE:

2. Please describe the Infrastructure Support and Maintenance – Required Services you will provide if your firm is the selected vendor. Describe your ability to provide all of the services listed in Section VI.R.2 and VI.R.3 of the RFP. Describe the expectations you have for the Support and Maintenance – Required Services that will be provided by Waukesha County and/or Milwaukee County.

VENDOR RESPONSE:

3. Specifically describe how you will support Waukesha County Radio Services in its ongoing responsibility to maintain infrastructure and subscriber equipment, a role similar to operation of a private shop within the vendor's national service organization/service network. Discussion shall include service documentation and documentation format, technical support, wholesale parts sales and service depot repairs, long term availability of service cables, software and interfaces, and other pertinent aspects of self-maintenance."

VENDOR RESPONSE:

4. Please describe the Infrastructure Support and Maintenance – Optional Services for Milwaukee County you can provide if your firm is the selected vendor. Describe your ability to provide the services listed in Section VI.R.4 of the RFP. Describe the expectations you have for the Support and Maintenance – Optional Services for Milwaukee County that will be provided by Milwaukee County.

VENDOR RESPONSE:

5. Please describe the Subscriber Radio Software Update Services that you will provide if your firm is the selected vendor. Describe your ability to provide any of the services listed in Section VI.R.5 of the RFP. Describe the requirements you have for the Subscriber Radio Software Update Services that will be provided by Waukesha County and/or Milwaukee County.

VENDOR RESPONSE:

6. Please describe your understanding of WCRS' request for Self-Maintained / Authorized Radio Shop Pricing as called for in Section VI.R.6 of the RFP. Describe the degree to which your firm would extend discounted pricing for i) subscriber radio repair parts and ii) depot repair service plans. (Please include in the pricing document only levels of discount as either a cost plus or percentage off list; do not include any absolute pricing. Describe any restrictions on the equipment or services to which your levels of discount would apply.

VENDOR RESPONSE:

7. Please describe the Subscriber Support & Maintenance Services for Milwaukee County you can provide if your firm is the selected vendor. Describe your ability to provide any of the services listed in Section VI.R.7 of the RFP. Describe the expectations you have for the Subscriber Support & Maintenance Services for Milwaukee County that will be provided by Milwaukee County.

VENDOR RESPONSE:

Please include a copy of your Software Usage / License and Support Agreements with your response.